

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**475.00****Complete if Known**

|                      |                    |
|----------------------|--------------------|
| Application Number   | 10/032,372         |
| Filing Date          | 12/21/2001         |
| First Named Inventor | Jeffrey A. Trogolo |
| Examiner Name        | EPI. Choi          |
| Art Unit             | 1616               |
| Attorney Docket No.  | A-035 US           |

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None

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Deposit Account Number \_\_\_\_\_  
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☐ Charge any additional fee(s) or any underpayment of fee(s)

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**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description        | Fee Paid    |
|----------------------------|----------------------------|------------------------|-------------|
| 1001 770                   | 2001 365                   | Utility filing fee     |             |
| 1002 340                   | 2002 170                   | Design filing fee      |             |
| 1003 530                   | 2003 265                   | Plant filing fee       |             |
| 1004 770                   | 2004 385                   | Reissue filing fee     |             |
| 1005 180                   | 2005 80                    | Provisional filing fee |             |
| <b>SUBTOTAL (1)</b>        |                            |                        | <b>(\$)</b> |

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims \_\_\_\_\_ Extra Claims \_\_\_\_\_ Fee from below \_\_\_\_\_ Fee Paid \_\_\_\_\_

Independent Claims \_\_\_\_\_ - 20\*\* = \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

Multiple Dependent Claims \_\_\_\_\_ - 3\*\* = \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  | Fee Paid    |
|----------------------------|----------------------------|--|-------------|
| 1202 18                    | 2202 9                     | Claims in excess of 20                                     |             |
| 1201 86                    | 2201 43                    | Independent claims in excess of 3                          |             |
| 1203 290                   | 2203 145                   | Multiple dependent claim, if not paid                      |             |
| 1204 86                    | 2204 43                    | ** Reissue independent claims over original patent         |             |
| 1205 18                    | 2205 9                     | ** Reissue claims in excess of 20 and over original patent |             |
| <b>SUBTOTAL (2)</b>        |                            |  | <b>(\$)</b> |

\*\*or number previously paid, if greater. For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 1051 130                   | 2051 65                    | Surcharge - late filing fee or oath  |          |
| 1052 50                    | 2052 25                    | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053 130                   | 1053 130                   | Non-English specification  |          |
| 1812 2,520                 | 1812 2,520                 | For filing a request for ex parte reexamination                            |          |
| 1804 920*                  | 1804 920*                  | Requesting publication of SIR prior to Examiner action                     |          |
| 1805 1,840*                | 1805 1,840*                | Requesting publication of SIR after Examiner action                        |          |
| 1251 110                   | 2251 55                    | Extension for reply within first month                                     |          |
| 1252 420                   | 2252 210                   | Extension for reply within second month                                    |          |
| 1253 950                   | 2253 475                   | Extension for reply within third month                                     |          |
| 1254 1,480                 | 2254 740                   | Extension for reply within fourth month                                    |          |
| 1255 2,010                 | 2255 1,005                 | Extension for reply within fifth month                                     |          |
| 1401 330                   | 2401 165                   | Notice of Appeal   |          |
| 1402 330                   | 2402 165                   | Filing a brief in support of an appeal                                     |          |
| 1403 290                   | 2403 145                   | Request for oral hearing   |          |
| 1451 1,510                 | 1451 1,510                 | Petition to institute a public use proceeding                              |          |
| 1452 110                   | 2452 55                    | Petition to revive - unavoidable   |          |
| 1453 1,330                 | 2453 665                   | Petition to revive - unintentional   |          |
| 1501 1,330                 | 2501 665                   | Utility issue fee (or reissue)   |          |
| 1602 480                   | 2502 240                   | Design issue fee   |          |
| 1503 640                   | 2503 320                   | Plant issue fee  |          |
| 1460 130                   | 1460 130                   | Petitions to the Commissioner  |          |
| 1807 50                    | 1807 50                    | Processing fee under 37 CFR 1.17(q)  |          |
| 1806 180                   | 1806 180                   | Submission of Information Disclosure Stmt                                  |          |
| 8021 40                    | 8021 40                    | Recording each patent assignment per property (times number of properties) |          |
| 1809 770                   | 2809 385                   | Filing a submission after final rejection (37 CFR 1.129(e))                |          |
| 1810 770                   | 2810 385                   | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801 770                   | 2801 385                   | Request for Continued Examination (RCE)                                    |          |
| 1802 900                   | 1802 900                   | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)**475.00******SUBMITTED BY**

|                   |                    |                  |            |           |              |
|-------------------|--------------------|------------------|------------|-----------|--------------|
| Name (Print/Type) | Edward K. Welch II | Registration No. | 30,899     | Telephone | 781-224-7165 |
| Signature         |                    | Date             | 10/23/2003 |           |              |

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PTO-2038 (02-2003)

Approved for use through 02/28/2006. OMB 0651-0043

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| <input checked="" type="checkbox"/> Patent Fee  | <input type="checkbox"/> Patent Maintenance Fee | <input type="checkbox"/> Trademark Fee | <input type="checkbox"/> Other Fee |
| Application No.<br>10/032,372   | Application No.                                 | Application No.                        | IDON Customer No.                  |
| Patent No.  | Patent No.                                      | Registration No.                       |                                    |
| Attorney Docket No.   |   | Identify or Describe Mark              |                                    |

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